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EXPRESS MAIL NO.: ED 806 809 115 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Boschetti et al. Confirmation No.: 1038  
Serial No.: 10/692,785 Art Unit: 1618  
Filed: October 27, 2003 Examiner: D.L. Jones  
For: POLYVINYL ALCOHOL Attorney Docket No: 9676-314-999  
MICROSPHERES AND (CAM: 405916-999056)  
METHODS FOR MAKING  
AND THERAPEUTIC USES  
OF SAME

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed herewith for appropriate action by the United States Patent and Trademark Office are the following documents:

1. Transmittal Letter;
2. Supplemental Information Disclosure Statement;
3. List of References Cited By Applicant;
4. References H1-H3 and I1-I5; and
5. Return Post Card.

The Commissioner is hereby authorized to charge any fees necessary to Jones Day Deposit Account No. 50-3013 to maintain the pendency of this application.

Respectfully submitted,

*John M. Pertmer*

Date: Sept. 15, 2005

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EXPRESS MAIL NO.: ED 806 809 115 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Boschetti et al.	Confirmation No.:	1038
Serial No.:	10/692,785	Art Unit:	1618
Filed:	October 27, 2003	Examiner:	D.L. Jones
For:	POLYVINYL ALCOHOL MICROSPHERES AND METHODS FOR MAKING AND THERAPEUTIC USES OF SAME	Attorney Docket No:	9676-314-999 (CAM: 405916-999056)

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on modified Form PTO-1449 is a listing of documents submitted to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. Copies of these references are also submitted herewith.

The submission of any document herewith is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

This Information Disclosure Statement is being filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

Please refer to the following regarding the explanation with respect to the various foreign language publications identified on Form 1440 and in the files submitted herewith:

**Reference H1** - English Translation of JP application provided.

**Reference H2** - English Abstract of JP patent provided.

**Reference H3** - English Abstract of JP patent provided.

**Reference I3** - English Abstract of JP journal article provided (last page of article).

**Reference I5** - English Abstract of JP journal article provided.

The Commissioner is hereby authorized to charge the fee under 37 C.F.R. 1.17(p) and any additional fees which may be required to maintain the pendency of this application, or credit any overpayment, to Jones Day Deposit Account No. 50-3013.

Date: Sept. 15, 2005

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**LIST OF REFERENCES CITED BY APPLICANT**

ATTY DOCKET NO.	APPLICATION NO:
9676-314-999	10/692,785
APPLICANT	CONFIRMATION NO.
BOSCHETTI, E. et al.	1038
FILING DATE	GROUP
October 27, 2003	1618

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	G1	4,320,040	03/16/82	Fujita <i>et al.</i>	524	459	
	G2	4,367,323	01/04/83	Kitamura <i>et al.</i>	526	201	
	G3	4,680,171	07/14/87	Shell	424	5	
	G4	5,028,332	07/02/91	Ohnishi	210	500.34	
	G5	5,106,876	04/21/92	Kawamura	522	5	
	G6	5,186,922	02/16/93	Shell <i>et al.</i>	128	654	
	G7	5,410,016	04/25/95	Hubbell <i>et al.</i>	528	354	
	G8	5,624,685	04/29/97	Takahashi <i>et al.</i>	424	488	
	G9	5,752,974	05/19/98	Rhee <i>et al.</i>	606	214	
	G10	6,060,582	05/09/00	Hubbell <i>et al.</i>	528	354	
	G11	6,165,193	12/06/00	Greene, Jr. <i>et al.</i>	606	191	
	G12	6,306,922	10/23/01	Hubbell <i>et al.</i>	522	71	
	G13	6,488,952	12/03/02	Kennedy <i>et al.</i>	424	426	
	G14	6,500,190	12/31/02	Greene, Jr. <i>et al.</i>	606	191	
	G15	6,537,569	03/25/03	Cruise	424	426	
	G16	6,602,975	08/05/03	Hubbell <i>et al.</i>	528	354	
	G17	6,652,883	11/25/03	Goupil <i>et al.</i>	424	489	
	G18	6,676,971	01/13/04	Goupil <i>et al.</i>	424	489	
	G19	6,680,046	01/20/04	Boschetti	424	9.1	
	G20	6,710,126	02/23/04	Hirt <i>et al.</i>	525	61	

**EXAMINER**

**DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
	H1	S53-50290 (JP)	05/08/78	Masanori				
	H2	JP 57128709	08/10/82	Joshiharu				
	H3	JP 6056676	03/01/94	Hori				
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
	11	Hori <i>et al.</i> , "Embolotherapy of Large Hepatoceccular Carcinoma Using a New, Permanent, Spherical Embolic Material Without Neoplastic Agents," <i>Cardiovasc Intervent Radiol</i> 24(Suppl 1):S203 (2001)						
	12	Khankan <i>et al.</i> , "Embolic Effects of Superabsorbent Polymer Microspheres in Rabbit Renal Model: Comparison wiwth Trisacryl Gelatin Microspheres and Polyvinyl Alcohol," <i>Radiat Med</i> 22(6):384-390 (2004)						
	13	Kimura <i>et al.</i> , "Transcatherterial Embolization of AVM in Pancreas," <i>Japanese J Clin Radiol</i> 43:311-314 (1998)						
	14	Osuga <i>et al.</i> , "Management of Advanced Pelvic Bone Tumors by Transarterial Embolotherapy Using SAP-Microspheres. A Preliminary Report," <i>Cardiovasc Intervent Radiol</i> 22:S130 (1999)						
	15	Inoue <i>et al.</i> , "Experimental Studies of Segmental Hepatic Artery Embolization with Super Absorbent Embolic Agent," <i>Nippon Igaku Hoshasen Gakki Zasshi</i> 50:1439 (1990)						
EXAMINER					DATE CONSIDERED			
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>								